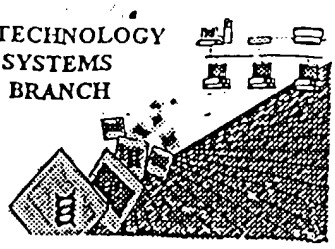
BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/840,208
Source: IFW0
Date Processed by STIC: 5/12/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/840,208

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____ Wrapped Nucleics / Wrapped Aminos — The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2____ Invalid Line Length — The rules require that a line not exceed 72 characters in length. This includes white spaces.

3____ Misaligned Amino Numbering — The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4____ Non-ASCII — The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5____ Variable Length — Sequence(s) ___ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____ PatentIn 2.0 "bug" — A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7____ Skipped Sequences (OLD RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8____ Skipped Sequences (NEW RULES) — Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

9____ Use of n's or Xaa's (NEW RULES) — Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10____ Invalid <213> Response — Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence

11____ Use of <220> — Sequence(s) ____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 07/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12____ PatentIn 2.0 "bug" — Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____ Misuse of n/Xaa — "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

IFWO

RAW SEQUENCE LISTING DATE: 05/12/2004
PATENT APPLICATION: **US/10/840,208** TIME: 16:27:06

Input Set : **A:\SEQ.LISTING.ST25.txt**
Output Set: **N:\CRF4\05122004\J840208.raw**

3 <110> APPLICANT: Biocept, Inc.
5 <120> TITLE OF INVENTION: DETECTION OF CHROMSOMAL DISORDERS
7 <130> FILE REFERENCE: 81665
C--> 9 **<140> CURRENT APPLICATION NUMBER: US/10/840,208**
C--> 9 **<141> CURRENT FILING DATE: 2004-05-05**
9 <160> NUMBER OF SEQ ID NOS: 42
11 <170> SOFTWARE: PatentIn version 3.2
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 19
15 <212> TYPE: DNA
16 <213> ORGANISM: PRIMER
18 <400> SEQUENCE: 1
19 tggtgaagca ggcgtcgga 19
22 <210> SEQ ID NO: 2
23 <211> LENGTH: 22
24 <212> TYPE: DNA
25 <213> ORGANISM: PRIMER
27 <400> SEQUENCE: 2
28 aagtggtcgt tgagggcaat gc 22
31 <210> SEQ ID NO: 3
32 <211> LENGTH: 22
33 <212> TYPE: DNA
34 <213> ORGANISM: PRIMER
36 <400> SEQUENCE: 3
37 caggagggcg tttctcaagg at 22
40 <210> SEQ ID NO: 4
41 <211> LENGTH: 22
42 <212> TYPE: DNA
43 <213> ORGANISM: PRIMER
45 <400> SEQUENCE: 4
46 tccaagagga aatccccacc ct 22
49 <210> SEQ ID NO: 5
50 <211> LENGTH: 22
51 <212> TYPE: DNA
52 <213> ORGANISM: PRIMER
54 <400> SEQUENCE: 5
55 cgcattcatc gtgtggtctc gc 22
58 <210> SEQ ID NO: 6
59 <211> LENGTH: 22
60 <212> TYPE: DNA
61 <213> ORGANISM: PRIMER
63 <400> SEQUENCE: 6
64 ctgtgcctcc tggaagaatg gc 22

Does Not Comply
Corrected Diskette Needed
(pg. 1-5)

Invalid Response
please move this response to section <220>-<223>.

same error

same error

Please see item # 10 ON error summary sheet.

same error

same error

RAW SEQUENCE LISTING DATE: 05/12/2004
PATENT APPLICATION: **US/10/840,208** TIME: 16:27:06

Input Set : **A:\SEQ.LISTING.ST25.txt**
Output Set: **N:\CRF4\05122004\J840208.raw**

Same errors

67 <210> SEQ ID NO: 7
68 <211> LENGTH: 22
69 <212> TYPE: DNA
70 <213> ORGANISM: PRIMER
72 <400> SEQUENCE: 7
73 acatggtccc tgaggtcttc gg 22
76 <210> SEQ ID NO: 8
77 <211> LENGTH: 22
78 <212> TYPE: DNA
79 <213> ORGANISM: PRIMER
81 <400> SEQUENCE: 8
82 gctccattga aggcaaggtc cg 22
85 <210> SEQ ID NO: 9
86 <211> LENGTH: 22
87 <212> TYPE: DNA
88 <213> ORGANISM: PRIMER
90 <400> SEQUENCE: 9
91 ccgccacgaa ggttgagaac aa 22
94 <210> SEQ ID NO: 10
95 <211> LENGTH: 22
96 <212> TYPE: DNA
97 <213> ORGANISM: PRIMER
99 <400> SEQUENCE: 10
100 tcaaacatcg tccaccccag gg 22
103 <210> SEQ ID NO: 11
104 <211> LENGTH: 22
105 <212> TYPE: DNA
106 <213> ORGANISM: PRIMER
108 <400> SEQUENCE: 11
109 agcagatgac ttgggcaaag gt 22
112 <210> SEQ ID NO: 12
113 <211> LENGTH: 22
114 <212> TYPE: DNA
115 <213> ORGANISM: PRIMER
117 <400> SEQUENCE: 12
118 ggcctcagac tacatccaag gg 22
121 <210> SEQ ID NO: 13
122 <211> LENGTH: 24
123 <212> TYPE: DNA
124 <213> ORGANISM: PRIMER
126 <400> SEQUENCE: 13
127 tgttgctgag ttctcagtgc catt 24
130 <210> SEQ ID NO: 14
131 <211> LENGTH: 24
132 <212> TYPE: DNA
133 <213> ORGANISM: PROBE
135 <400> SEQUENCE: 14
136 tcaggaagga caggatagac agca 24
139 <210> SEQ ID NO: 15

RAW SEQUENCE LISTING DATE: 05/12/2004
PATENT APPLICATION: **US/10/840,208** TIME: 16:27:06

Input Set : **A:\SEQ.LISTING.ST25.txt**
Output Set: **N:\CRF4\05122004\J840208.raw**

Same errors

140 <211> LENGTH: 22
141 <212> TYPE: DNA
142 <213> ORGANISM: PRIMER
144 <400> SEQUENCE: 15
145 cgttggtgct actgcttggt gg 22
148 <210> SEQ ID NO: 16
149 <211> LENGTH: 22
150 <212> TYPE: DNA
151 <213> ORGANISM: PRIMER
153 <400> SEQUENCE: 16
154 cgctcccctc ttgtttcctt gc 22
157 <210> SEQ ID NO: 17
158 <211> LENGTH: 21
159 <212> TYPE: DNA
160 <213> ORGANISM: PRIMER
162 <400> SEQUENCE: 17
163 cccgtgaagt tccatgtgcc a 21
166 <210> SEQ ID NO: 18
167 <211> LENGTH: 22
168 <212> TYPE: DNA
169 <213> ORGANISM: PRIMER
171 <400> SEQUENCE: 18
172 agattaagcg ggttctgtgc ga 22
175 <210> SEQ ID NO: 19
176 <211> LENGTH: 45
177 <212> TYPE: DNA
178 <213> ORGANISM: PROBE
180 <400> SEQUENCE: 19
181 ctacactgag caccaggtgg tctcctctga cttcaacagc gacac 45
184 <210> SEQ ID NO: 20
185 <211> LENGTH: 45
186 <212> TYPE: DNA
187 <213> ORGANISM: PROBE
189 <400> SEQUENCE: 20
190 ctcaaggata agagcgacac ggcctgacag tcactagtat tcatt 45
193 <210> SEQ ID NO: 21
194 <211> LENGTH: 45
195 <212> TYPE: DNA
196 <213> ORGANISM: PROBE
198 <400> SEQUENCE: 21
199 tctagagaat cccagaatgc gaaactcaga gatcagcaag cagct 45
202 <210> SEQ ID NO: 22
203 <211> LENGTH: 45
204 <212> TYPE: DNA
205 <213> ORGANISM: PROBE
207 <400> SEQUENCE: 22
208 ctgataagtg atgacggcct cttggttgct gagtgagact ttgac 45
211 <210> SEQ ID NO: 23
212 <211> LENGTH: 45

RAW SEQUENCE LISTING DATE: 05/12/2004
PATENT APPLICATION: **US/10/840,208** TIME: 16:27:06

Input Set : **A:\SEQ.LISTING.ST25.txt**
Output Set: **N:\CRF4\05122004\J840208.raw**

Same errors

213 <212> TYPE: DNA
214 <213> ORGANISM: PROBE
216 <400> SEQUENCE: 23
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220 <210> SEQ ID NO: 24
221 <211> LENGTH: 45
222 <212> TYPE: DNA
223 <213> ORGANISM: PROBE
225 <400> SEQUENCE: 24
226 caaaggtgga aatgaagaaa gtacaaagac aggaaacgct ggaag 45
229 <210> SEQ ID NO: 25
230 <211> LENGTH: 44
231 <212> TYPE: DNA
232 <213> ORGANISM: PROBE
234 <400> SEQUENCE: 25
235 gctcttgatt ttctctctgg ggaggcacac ccggcaaatg agaa 44
238 <210> SEQ ID NO: 26
239 <211> LENGTH: 44
240 <212> TYPE: DNA
241 <213> ORGANISM: PROBE
243 <400> SEQUENCE: 26
244 gaatgtaaac cctttgtaac cccatcccat gcccctccga ctcc 44
247 <210> SEQ ID NO: 27
248 <211> LENGTH: 46
249 <212> TYPE: DNA
250 <213> ORGANISM: PROBE
252 <400> SEQUENCE: 27
253 cagagacaca aacatacaaa ggaaagatcc agacattcaa cgtaga 46
256 <210> SEQ ID NO: 28
257 <211> LENGTH: 22
258 <212> TYPE: DNA
259 <213> ORGANISM: PRIMER
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262 tggctttcgt acagtcatcc ct 22
265 <210> SEQ ID NO: 29
266 <211> LENGTH: 24
267 <212> TYPE: DNA
268 <213> ORGANISM: PRIMER
270 <400> SEQUENCE: 29
271 cacagaaatt acaggccatg caca 24
274 <210> SEQ ID NO: 30
275 <211> LENGTH: 34
276 <212> TYPE: DNA
277 <213> ORGANISM: PRIMER
279 <400> SEQUENCE: 30
280 ctcatcaaac ctatataagc acgtggacac tgga 34
283 <210> SEQ ID NO: 31
284 <211> LENGTH: 35
285 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 05/12/2004
PATENT APPLICATION: **US/10/840,208** TIME: 16:27:06

Input Set : **A:\SEQ.LISTING.ST25.txt**
Output Set: **N:\CRF4\05122004\J840208.raw**

Same errors

286 <213> ORGANISM: PRIMER
288 <400> SEQUENCE: 31
289 gggtccactg gtctaggtaa aaaatgtgtg aattt 35
292 <210> SEQ ID NO: 32
293 <211> LENGTH: 24
294 <212> TYPE: DNA
295 <213> ORGANISM: PRIMER
297 <400> SEQUENCE: 32
298 tgcctcagtt tctagtcagc caat 24
301 <210> SEQ ID NO: 33
302 <211> LENGTH: 24
303 <212> TYPE: DNA
304 <213> ORGANISM: PRIMER
306 <400> SEQUENCE: 33
307 aggtctttac cccaggcatt caca 24
310 <210> SEQ ID NO: 34
311 <211> LENGTH: 34
312 <212> TYPE: DNA
313 <213> ORGANISM: PRIMER
315 <400> SEQUENCE: 34
316 tttgggtatt gttgggagga ggtagtgatt actt 34
319 <210> SEQ ID NO: 35
320 <211> LENGTH: 35
321 <212> TYPE: DNA
322 <213> ORGANISM: PRIMER
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325 tcctgtcttt gtactttctt catttccacc tttgc 35
328 <210> SEQ ID NO: 36
329 <211> LENGTH: 45
330 <212> TYPE: DNA
331 <213> ORGANISM: PROBE
333 <400> SEQUENCE: 36
334 tcttcgcctt ccgacgaggt cgatacttat aattcgggta tttct 45
337 <210> SEQ ID NO: 37
338 <211> LENGTH: 45
339 <212> TYPE: DNA
340 <213> ORGANISM: PROBE
342 <400> SEQUENCE: 37
343 gatactatgt tgcattaaat aaagatggga ccccgagaga aggga 45
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347 <211> LENGTH: 45
348 <212> TYPE: DNA
349 <213> ORGANISM: PROBE
351 <400> SEQUENCE: 38
352 cagcccaaag ttatcttctt aaatttttta caggtccatg aaaaa 45
355 <210> SEQ ID NO: 39
356 <211> LENGTH: 45
357 <212> TYPE: DNA
358 <213> ORGANISM: PROBE

VERIFICATION SUMMARY DATE: 05/12/2004
PATENT APPLICATION: **US/10/840,208** TIME: 16:27:07

Input Set : **A:\SEQ.LISTING.ST25.txt**
Output Set: **N:\CRF4\05122004\J840208.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date